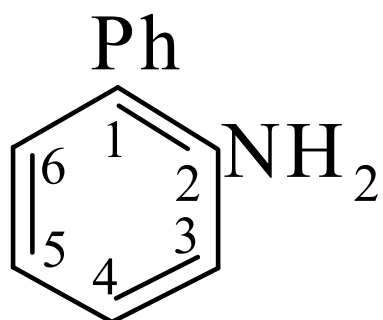




>>Entry Name: 2-Aminobiphenyl

Synonym(s): [1,1'-Biphenyl]-2-amine, 9CI



CAS Registry Number: 90-41-5

Molecular Formula: C₁₂H₁₁N

Molecular Weight: 169.226

Accurate Mass: 169.089149

Percentage Composition: C 85.17%; H 6.55%; N 8.28%

Use/Importance: Fluorogenic reagent for the detn. of carbonyl compds.

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 49-50°

Boiling Point: Bp 299°. Bp₁₅ 170°. Bp₅ 145-148°

Other Data: Steam-volatile

Hazard & Toxicity: Autoignition temp. 450°. LD₅₀ (rat, orl) 2340 mg/kg

Aldrich: A4240-9

Fluka: 7110

Sigma: A1129

>>Derivative: Hydrochloride

CAS Registry Number: 2185-92-4

Physical Description: Cryst.

Melting Point: Mp 180°

Hazard & Toxicity: Exp. carcinogen

Rare Chemicals Library: S41293-7